This listing of claims will replace all prior versions, and listings, of claims in the application:

<u>Listing of Claims:</u>

1.   (Previously Presented) A method, comprising:

receiving at least two data streams, each of the at least two data streams comprising a plurality of packets and each packet having a header including a packet identifier,

generating a multiplexed data stream in a routing component, the multiplexed data stream comprising packets from the at least two data streams arranged in an alternating order;

descrambling the multiplexed data stream using a single descrambling component distinct from the routing component, wherein the routing component sequentially routes packets from the multiplexed data stream to the single descrambling component in the alternating order;

receiving, in the routing component, packets from the single descrambling component, the packets being received in a descrambled form and in accordance with the alternating order so that a descrambled multiplexed data stream is formulated; and

outputting separate descrambled data streams from the routing component, the separate descrambled data streams being formed by demultiplexing the descrambled multiplexed data stream in the routing component.

2.   (Previously Presented) The method according to claim 1 further comprising

alternately passing a single packet from each data stream to the descrambling component, and

receiving descrambled packets from the descrambling component and alternately passing a single packet to a first output and a single packet to a second output, so restoring the first and second data streams in a descrambled form.

3.   (Previously Presented) The method according to claim 1 wherein at least one packet identifier of the packets of one of the data streams is modified before being passed to the descrambling component.

4.　(Previously Presented)　The method according to claim 1 wherein prior to passing packets to the descrambling component the packet identifiers of the data streams are compared with each other.

5.　(Previously Presented)　The method according to claim 1 wherein the data streams include program specific information, wherein the program specific information is read from the data streams prior to passing packets to the descrambling component.

6.　(Previously Presented)　The method according to claim 1 wherein each data stream conforms to ISO 13818 and the packet identifiers are PID as defined in ISO 13818.

7.　(Previously Presented)　The method according to claim 1 wherein the interface with the descrambling component conforms to European Standard EN50221.

8.　(Previously Presented)　The method according to claim 1 wherein some of the packets from one or more data streams bypass the descrambling component.

9.　(Previously Presented)　The method according to claim 1 wherein the packets from first and second data streams are passed to the descrambling component on one of the rising or falling edges of a clock signal respectively.

10.　(Previously Presented)　The method according to claim 9 wherein the descrambled packets are received from the descrambling component on one of the rising or falling edges of a clock signal respectively.

11.　(Previously Presented)　The method according to claim 1 wherein the data streams are digital video broadcasting transport streams.

12.　(Previously Presented)　The method according to claim 11 wherein the transport streams comply with the Digital Video Broadcasting standard.

13.   (Previously Presented) An apparatus, comprising:

a first input configured to receive a first data stream and a second input configured to receive a second data stream, each data stream comprising a plurality of packets and each packet having a header including a packet identifier,

a descrambling device configured to descramble packets of a multiplexed data stream,

first and second outputs configured to output descrambled data streams, and

a router configured to generate the multiplexed data stream comprising packets from the first and second data streams arranged in an alternating order, sequentially route packets from the multiplexed data stream to the descrambling device in the alternating order and to receive descrambled packets from the descrambling device, the packets being received in a descrambled form and in accordance with the alternating order so that a descrambled multiplexed data stream is formulated,

the router configured to output separate descrambled data streams to the first and second outputs, the separate data streams being formed by demultiplexing the descrambled multiplexed data stream.

14.   (Previously Presented) The apparatus according to claim 13 wherein the router is configured to pass alternately a single packet from the first data stream and a single packet from the second data stream.

15.   (Previously Presented) The apparatus according to claim 13 wherein the router is configured to modify at least one packet identifier of the packets of a data stream before passing the data for that data stream to the descrambling device.

16.   (Previously Presented) The apparatus according to claim 13 wherein the router is configured to compare the packet identifiers of the first data stream with the packet identifiers of the second data stream prior to passing packets to the descrambling device.

17. (Previously Presented) The apparatus according to claim 13 wherein the data streams include program specific information, the router being configured to read the program specific information from the data streams prior to passing packets to the descrambling device.

18. (Previously Presented) The apparatus according to claim 13 wherein each data stream conforms to ISO 13818 and the packet identifiers are PID as defined in ISO 13818.

19. (Previously Presented) The apparatus according to claim 13 wherein the interface with the descrambling device conforms to European Standard EN50221.

20. (Previously Presented) The apparatus according to claim 13 wherein the apparatus is a digital video broadcasting receiver.

21. (Previously Presented) The apparatus according to claim 13 further configured to allow some of the packets from the first and/or second data stream to bypass the descrambling device.

22. (Previously Presented) The apparatus according to claim 13 wherein the packets from the first and second data streams are passed to the descrambling device on one of the rising or falling edges of a clock signal respectively.

23. (Previously Presented) The apparatus according to claim 22 wherein the descrambled packets are received from the descrambling device on one of the rising or falling edges of a clock signal respectively.

24. (Previously Presented) An apparatus comprising:
a router configured to generate a multiplexed data stream, the multiplexed data stream comprising packets from a first data stream and a second data stream arranged in an alternating order;

the router being configured to sequentially route packets from the multiplexed data stream to a descrambling device in the alternating order, to receive descrambled packets from the descrambling device, the packets being received in a descrambled form and in accordance with the alternating order so that a descrambled multiplexed data stream is formulated and to output separate descrambled data streams to a first and a second output, the separate descrambled data streams being formed by demultiplexing the descrambled multiplexed data stream,

wherein each data stream comprises a plurality of packets, each packet having a header including a packet identifier.

25.   (Cancelled)

26.   (Cancelled)

27.   (Previously Presented) A computer program product comprising a computer readable medium having computer readable program code embodied in said medium, comprising:

a computer readable program code configured to receive at least two data streams, each data stream comprising a plurality of packets and each packet having a header including a packet identifier,

a computer readable program code configured to generate a multiplexed data stream in a routing component, the multiplexed data stream comprising packets from the at least two data streams arranged in an alternating order,

a computer readable program code configured to descramble the multiplexed data stream using a single descrambling component distinct from the routing component, wherein the routing component sequentially routes packets from the multiplexed data stream to the single descrambling component in the alternating order;

a computer readable program code configured to receive, in the routing component, packets from the single descrambling component, the packets being received in a descrambled form and in accordance with the alternating order so that a descrambled multiplexed data stream is formulated; and

a computer readable program code configured to output separate descrambled data streams from the routing component, the separate descrambled data streams being formed by demultiplexing the descrambled multiplexed data stream in the routing component.

28.   (Previously Presented) The computer program product of claim 27, further comprising:

a computer readable program code configured to pass alternately a single packet from each data stream to the descrambling component, and to receive descrambled packets from the descrambling component and to pass alternately a single packet to a first output and a single packet to a second output, so restoring the first and second data streams in a descrambled form.